



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 62226-1:2005

ICS 17.220.20

**EXPOSURE TO ELECTRIC OR MAGNETIC  
FIELDS IN THE LOW AND INTERMEDIATE  
FREQUENCY RANGE- METHODS FOR  
CALCULATING THE CURRENT DENSITY AND  
INTERNAL ELECTRIC FIELD INDUCE IN THE  
HUMAN BODY PART ; GENERAL (IEC  
62226-1:2004)**

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EUROPEAN STANDARD

**EN 62226-1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2005

ICS 17.220.20

English version

**Exposure to electric or magnetic fields  
in the low and intermediate frequency range –  
Methods for calculating the current density  
and internal electric field induced in the human body  
Part 1: General  
(IEC 62226-1:2004)**

Exposition aux champs électriques  
ou magnétiques à basse et moyenne  
fréquence –  
Méthodes de calcul des densités  
de courant induit et des champs  
électriques induits dans le corps humain  
Partie 1: Généralités  
(CEI 62226-1:2004)

Sicherheit in elektrischen oder  
magnetischen Feldern im niedrigen  
und mittleren Frequenzbereich -  
Verfahren zur Berechnung der induzierten  
Körperstromdichte und des im  
menschlichen Körper induzierten  
elektrischen Feldes  
Teil 1: Allgemeines  
(IEC 62226-1:2004)

This European Standard was approved by CENELEC on 2005-02-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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**CENELEC**

European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**

## Foreword

The text of document 106/78/FDIS, future edition 1 of IEC 62226-1, prepared by IEC TC 106, Methods for the assessment of electric, magnetic and electromagnetic fields associated with human exposure, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62226-1 on 2005-02-01.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2005-11-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2008-02-01

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## Endorsement notice

The text of the International Standard IEC 62226-1:2004 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

- |          |      |   |
|----------|------|---|
| CISPR 11 | NOTE | Harmonized in EN 55011 series (modified).     |
| CISPR 14 | NOTE | Harmonized in EN 55014 series (not modified). |
| CISPR 16 | NOTE | Harmonized in EN 55016 series (not modified). |
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**NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD**

**CEI  
IEC**

**62226-1**

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First edition  
2004-11

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**Exposition aux champs électriques ou  
magnétiques à basse et moyenne fréquence –  
Méthodes de calcul des densités de courant induit  
et des champs électriques induits dans le  
corps humain –**

**Partie 1:  
Généralités**

**Exposure to electric or magnetic fields  
in the low and intermediate frequency range –  
Methods for calculating the current density  
and internal electric field induced in  
the human body –**

**Part 1:  
General**



Numéro de référence  
Reference number  
CEI/IEC 62226-1:2004

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